

From: [Gabe Rothman](#)
To: [Faruque Khan](#)
Cc: [Charles Peck](#)
Subject: 2,4-D Downwind Air Concentration and Deposition Results
Date: 11/05/2012 05:23 PM

Hi Faruque,

I have completed the modeling analysis on the basis of registrant and EPA determined values for flux measured for the choline formulation. The 1-hr air EECs are based conservatively solely on the highest flux rates determined from the registrant or EPA. For 24-hr. total deposition, I considered the first 24-hours of the flux profile selected for the basis to determine air EECs. To do this, I ran a series of AERSCREEN runs for the flux rates to and then added them all up weighting each individual deposition value by the flux duration. The results and further explanation is provided below. Also, I have included the zip files of all of the modeling conducted. I included a check to see if the deposition results made sense, and it appears they are reasonable within the amount that is applied and emitted.

Let me know if you need additional clarification on the process I used here.

[attachment "2,4-D AQRV Analysis and Results.docx" deleted by Faruque Khan/DC/USEPA/US] [attachment "2,4-D Deposition Analysis.xlsx" deleted by Faruque Khan/DC/USEPA/US] [attachment "2,4-D AQRV Modeling.zip" deleted by Faruque Khan/DC/USEPA/US]

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